ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Francell Gray	**05/06/03**	**03-0308**	**A**	(301) 925-0969	3035A	RDEV

8. CCR Title: Install Forte 6 Update 2 and SunONE Studio 7 with connector software on t1mss06 in the VATC.

9. Originator Signature/Date **Francell Gray** **/s/** **05/06/03**		10. Class **II**	11. Type: **CCR**	12. Need Date: May 13, 2003
13. Office Manager Signature/Date **Janine Smith** **/s/** **05/06/03**		14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted *(Review and submit checklist):* 920-TDV-002, 910-TDA-003, 910-TDA-023, 910-TDA-005	17. Schedule Impact: Severe	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer: N/A	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:
ECS COTS Deployment Plan, Vol 8 (335-CD-007-001) P3 Task: DVICTXT380, DSMGTXT459

23. Problem: (use additional Sheets if necessary)
We need to install SunONE Studio 7 because Forte 6 Update 1, the current compiler and development tools on Sun, have reached end of ship date. Although Forte 6U1 will continue to be "supported" and some patches may be provided, SunOne Studio 7 will be actively patched by Sun. In addition, we need to install Forte 6 update 2 and the connector software because the Java-based Intergrated Development Environment (IDE) included with SunONE Studio 7 Enterprise Edition performs too poorly to be of use to developers on current ECS equipment. The GUI debugger exhibited very poor response times (contd on additional sheet).

24. Proposed Solution: (use additional sheets if necessary)
1) Install Forte 6 Update 2 on t1mss06.
2) Install SunOne Studio 7 with connector software on t1mss06.

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
We would have to forego testing of the upgraded SUN compilers in the VATC, which would be an unacceptable departure from the standard COTS upgrade process. Further, testing the visual debugger is required in order to ensure that the test environment and the sites will have an effective GUI to use with the new SunONE Compilers.

27. Justification for Emergency (If Block 15 is "Emergency"):
We are currently 2 weeks behind our PSR commitment to the customer

28. Site(s) Affected: ☐EDF ☐PVC ☒VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Byron V. Peters** **/s/** **05/07/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0308   **Rev:**   **A Originator:** Francell Gray

Telephone: (301)925-0969   **Office:** 3035A

Title of Change: Install Forte 6 Update 2 and SunONE Studio 7 with connector software on t1mss06 in the VATC..

Problems: (Con't)
Sun offers an alternate GUI with their Forte 6 update 2 product as well as connector software that allows Forte product's tools to be used with SunONE Studio 7 compilers. The Forte GUI does not exhibit the severe performance problems of the Java-based GUI.

The installation of SunONE Studio 7 is being changed from t1mss03 to t1mss06 because SunONE Studio 7 requires Solaris 8 OS. t1mss03 is at the Solaris 2.5.1 level.

Install instructions:
Install instructions are attached with this CCR, to be used and redlined for the draft PSR document.